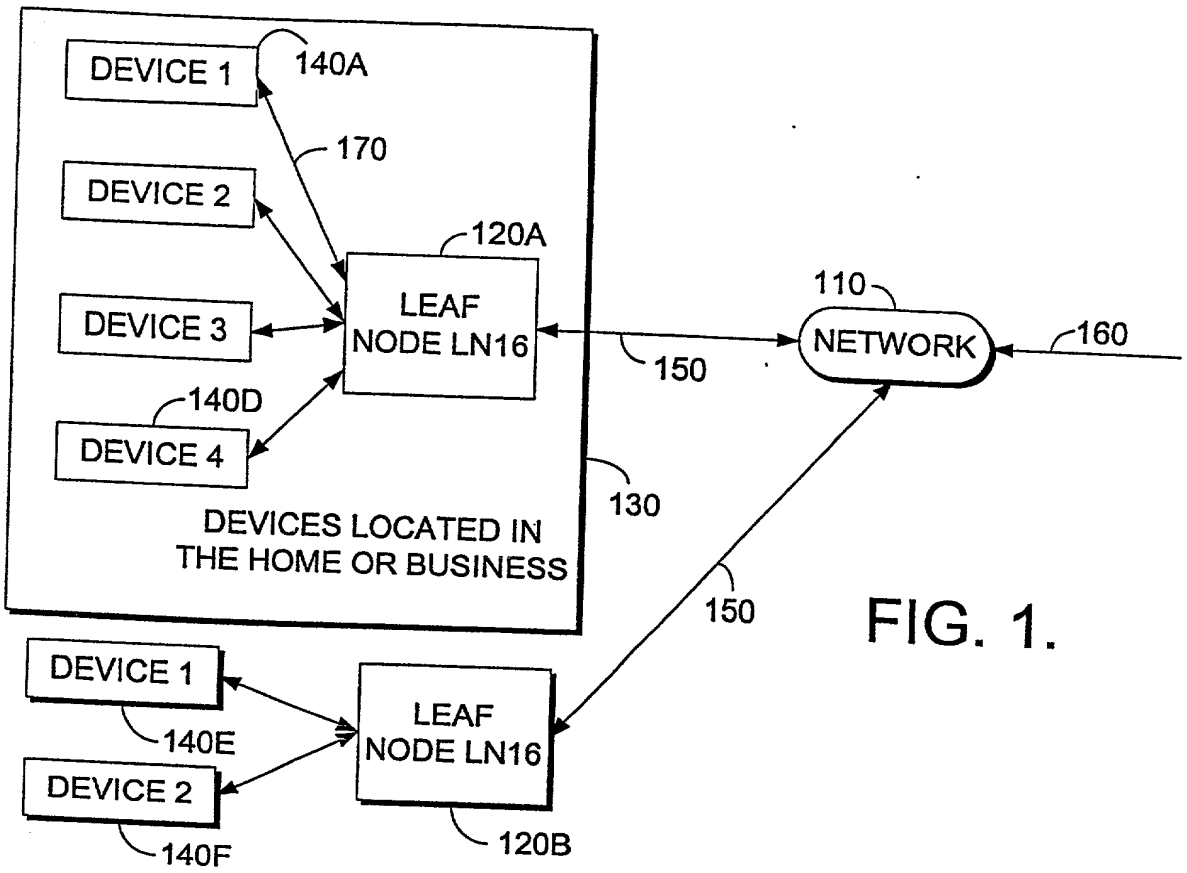
DEVICE 1
140A
170
DEVICE 2
120A
LEAF
NODE LN16
110
NETWORK
160
DEVICE 3
150
140D
DEVICE 4
130
DEVICES LOCATED IN
THE HOME OR BUSINESS
150
DEVICE 1
140E
LEAF
NODE LN16
DEVICE 2
140F
120B

FIG. 1.

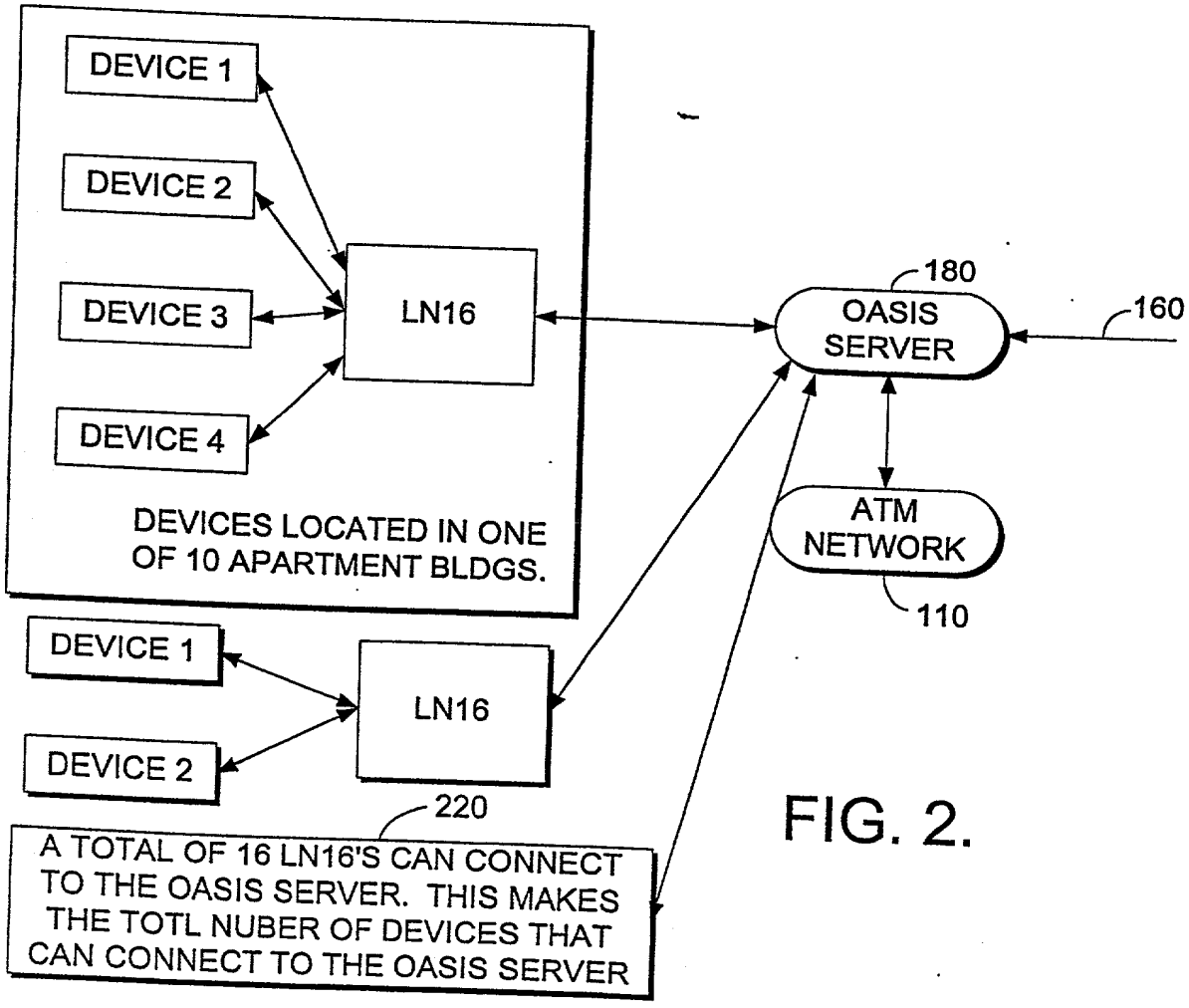
DEVICE 1
DEVICE 2
LN16
180
OASIS
SERVER
160
DEVICE 3
DEVICE 4
ATM
NETWORK
110
DEVICES LOCATED IN ONE
OF 10 APARTMENT BLDGS.
DEVICE 1
LN16
DEVICE 2
220
A TOTAL OF 16 LN16'S CAN CONNECT
TO THE OASIS SERVER. THIS MAKES
THE TOTL NUBER OF DEVICES THAT
CAN CONNECT TO THE OASIS SERVER

FIG. 2.

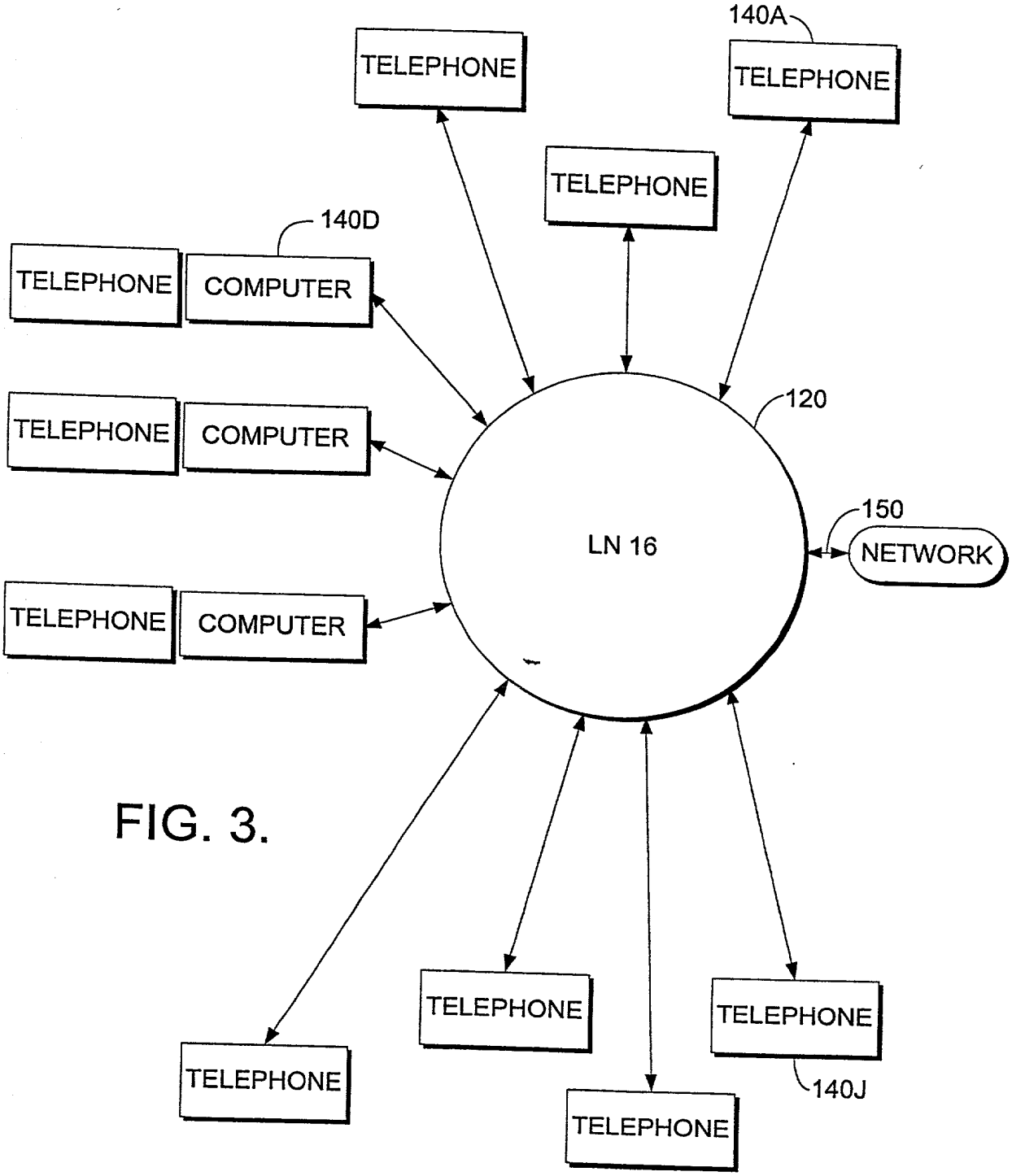
140A
TELEPHONE
TELEPHONE
TELEPHONE
140D
TELEPHONE
COMPUTER
TELEPHONE
COMPUTER
120
150
LN 16
NETWORK
TELEPHONE
COMPUTER
TELEPHONE
TELEPHONE
TELEPHONE
140J
TELEPHONE

FIG. 3.

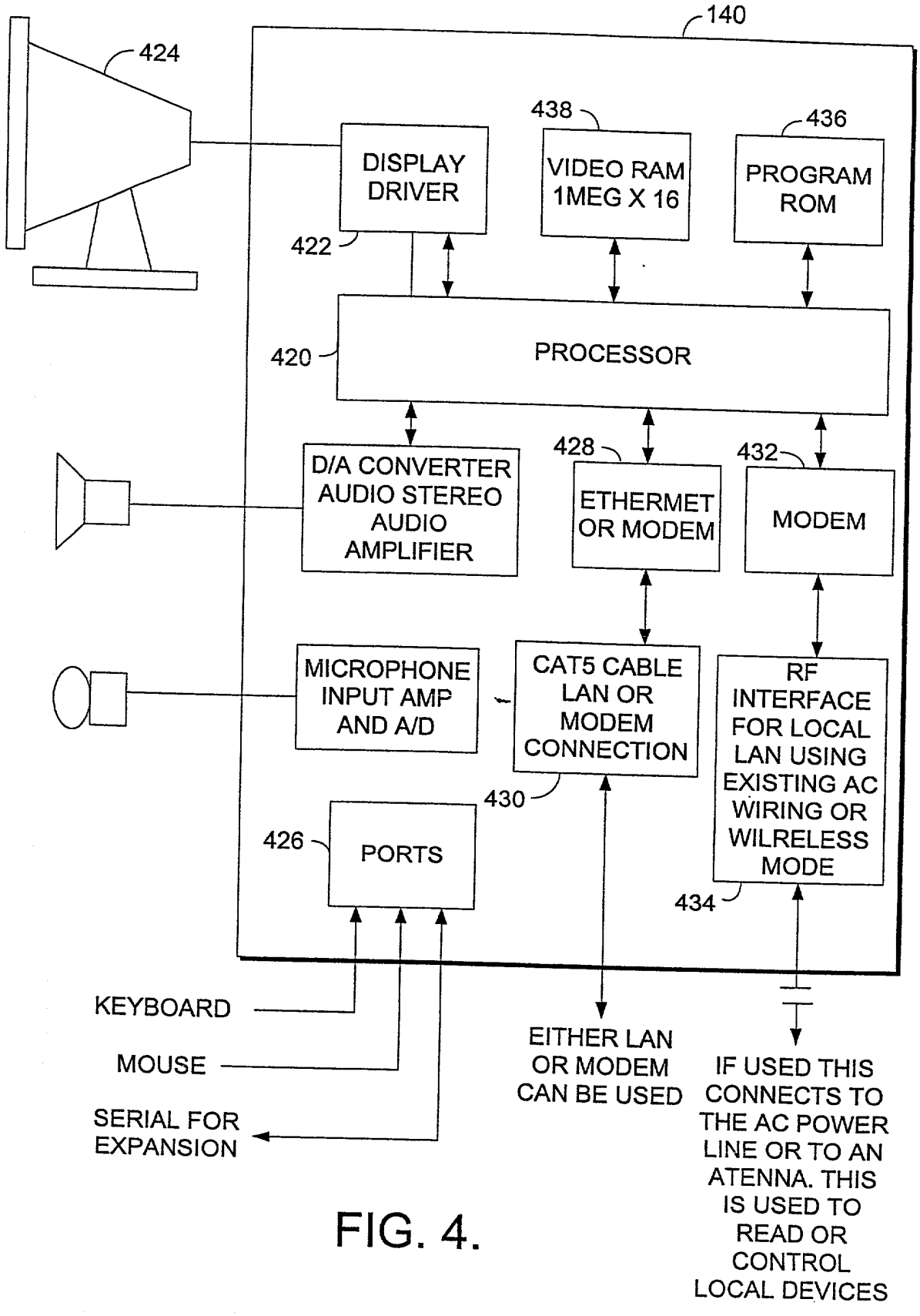
140
424
DISPLAY DRIVER
422
438
VIDEO RAM 1MEG X 16
436
PROGRAM ROM
420
PROCESSOR
D/A CONVERTER AUDIO STEREO AUDIO AMPLIFIER
428
ETHERMET OR MODEM
432
MODEM
MICROPHONE INPUT AMP AND A/D
CAT5 CABLE LAN OR MODEM CONNECTION
430
RF INTERFACE FOR LOCAL LAN USING EXISTING AC WIRING OR WILRELESS MODE
434
426
PORTS
KEYBOARD
MOUSE
SERIAL FOR EXPANSION
EITHER LAN OR MODEM CAN BE USED
IF USED THIS CONNECTS TO THE AC POWER LINE OR TO AN ATENNA. THIS IS USED TO READ OR CONTROL LOCAL DEVICES

FIG. 4.

POSITA 2015-2016
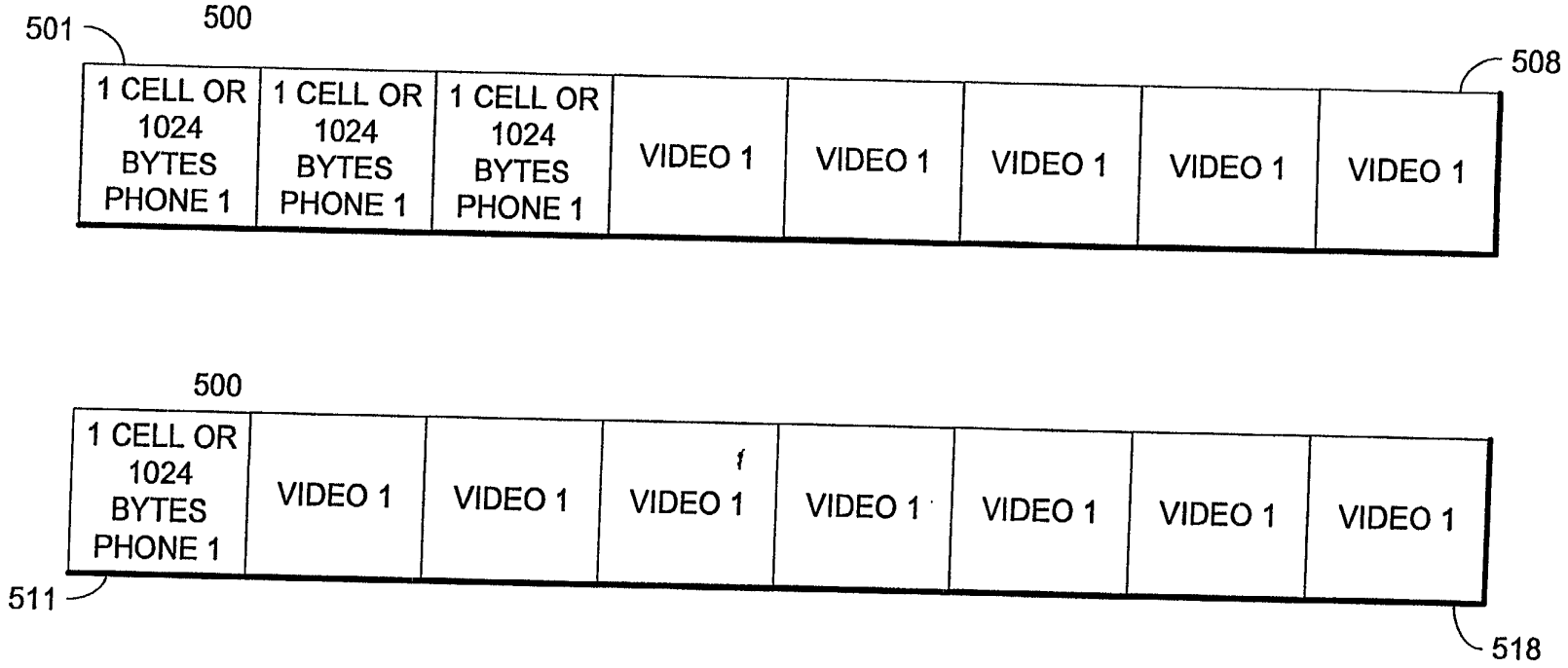
FIG. 5.